Smart Skies			
2008 Science			
Curriculum Standards			
Tennessee Science			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	SCI.5.GLE 0507.Inq.1	Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data.
Fly by Math	TN	SCI.5.GLE 0507.Inq.5	Recognize that people may interpret the same results in different ways.
Fly by Math	TN	SCI.5.GLE 0507.11.1	Design an investigation, collect data and draw conclusions about the relationship among mass, force, and distance traveled.
Line Up with Math	TN	SCI.5.GLE 0507.11.1	Design an investigation, collect data and draw conclusions about the relationship among mass, force, and distance traveled.
Smart Skies			
2008 Science			
Curriculum Standards			
Tennessee Science			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	SCI.6.GLE 0607.Inq.2	Use appropriate tools and techniques to gather, organize, analyze, and interpret data.
Smart Skies			
2008 Science			
Curriculum Standards			
Tennessee Science			
Grade 7			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	SCI.7.GLE 0707.Inq.2	Use appropriate tools and techniques to gather, organize, analyze, and interpret data.
Fly by Math	TN	SCI.7.GLE 0707.11.2	Apply the equation for work in experiments with simple machines to determine the amount of force needed to do work.
Fly by Math	TN	SCI.7.GLE 0707.11.3	Distinguish between speed and velocity.
Fly by Math	TN	SCI.7.GLE 0707.11.4	Investigate how Newton’s laws of motion explain an object’s movement.
Line Up with Math	TN	SCI.7.GLE 0707.11.3	Distinguish between speed and velocity.
Line Up with Math	TN	SCI.7.GLE 0707.11.4	Investigate how Newton’s laws of motion explain an object’s movement.
Smart Skies			
2008 Science			
Curriculum Standards			
Tennessee Science			
Grade 8			
Activity/Lesson	**State**	**Standards**	

Fly by Math	TN	SCI.8.GLE 0807.Inq.2	Use appropriate tools and techniques to gather, organize, analyze, and interpret data.
Fly by Math	TN	SCI.8.GLE 0807.9.3	Interpret data from an investigation to differentiate between physical and chemical changes.
Smart Skies			
2008 Science			
Curriculum Standards			
Tennessee Science			
Grades 9-12 (Physical Science)			
Activity/Lesson	**State**	**Standards**	
Fly by Math	TN	SCI.9-12.CLE 3202.Inq.3	Use appropriate tools and technology to collect precise and accurate data.
Fly by Math	TN	SCI.9-12.CLE 3202.Inq.4	Apply qualitative and quantitative measures to analyze data and draw conclusions that are free of bias.
Fly by Math	TN	SCI.9-12.CLE 3202.3.1	Investigate the relationships among speed, position, time, velocity, and acceleration.
Line Up with Math	TN	SCI.9-12.CLE 3202.3.1	Investigate the relationships among speed, position, time, velocity, and acceleration.